

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	7007	((438/588) or (438/592) or (438/595) or (438/596) or (438/669) or (438/671) or (438/673) or (438/685) or (438/688) or (438/720) or (438/737) or (438/738) or (438/739) or (438/740) or (438/742) or (438/754)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/06 14:41
L2	7007	((438/588) or (438/592) or (438/595) or (438/596) or (438/669) or (438/671) or (438/673) or (438/685) or (438/688) or (438/720) or (438/737) or (438/738) or (438/739) or (438/740) or (438/742) or (438/754)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/06 14:41
L3	8	(("6500681") or ("6503844") or ("5698072") or ("5143866") or ("5880035") or ("5368686") or ("6017826") or ("6451665")).PN.	USPAT	OR	OFF	2006/04/06 14:44
L4	36	2 and (ozone same (spacer or sidewall))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/06 15:17
L5	9640	4and (etch\$3 near10 (metal or Al or aluminium or aluminum)) and (overetch\$3 near10 (metal or Al or aluminium or aluminum))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/06 14:47
L6	1	4 and (etch\$3 near10 (metal or Al or aluminium or aluminum)) and (overetch\$3 near10 (metal or Al or aluminium or aluminum))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/06 14:47
L7	1228	((438/669) or (438/671) or (438/673)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/06 15:17
S1	5794	((438/588) or (438/592) or (438/595) or (438/596) or (438/669) or (438/671) or (438/673) or (438/685) or (438/688) or (438/720) or (438/737) or (438/738) or (438/739) or (438/740) or (438/742) or (438/754)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/06 14:41

## EAST Search History

S2	4581	((((438/588) or (438/592) or (438/595) or (438/596) or (438/669) or (438/671) or (438/673) or (438/685) or (438/688) or (438/720) or (438/737) or (438/738) or (438/739) or (438/740) or (438/742) or (438/754)).CCLS.) and etch\$3 same (conduct\$3 or metal or al or aluminum or aluminium or ti or titanium or ta or tantalum))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/05 20:23
S3	4581	((((438/588) or (438/592) or (438/595) or (438/596) or (438/669) or (438/671) or (438/673) or (438/685) or (438/688) or (438/720) or (438/737) or (438/738) or (438/739) or (438/740) or (438/742) or (438/754)).CCLS.) and (etch\$3 same (conduct\$3 or metal or al or aluminum or aluminium or ti or titanium or ta or tantalum)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/05 20:22
S4	3852	((((438/588) or (438/592) or (438/595) or (438/596) or (438/669) or (438/671) or (438/673) or (438/685) or (438/688) or (438/720) or (438/737) or (438/738) or (438/739) or (438/740) or (438/742) or (438/754)).CCLS.) and (etch\$3 near10 (conduct\$3 or metal or al or aluminum or aluminium or ti or titanium or ta or tantalum)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/05 20:21
S5	834	(((((438/588) or (438/592) or (438/595) or (438/596) or (438/669) or (438/671) or (438/673) or (438/685) or (438/688) or (438/720) or (438/737) or (438/738) or (438/739) or (438/740) or (438/742) or (438/754)).CCLS.) and (etch\$3 near10 (conduct\$3 or metal or al or aluminum or aluminium or ti or titanium or ta or tantalum)))) and ((spacer or sidewall) near5 oxide)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/05 20:21
S6	808	(((((438/588) or (438/592) or (438/595) or (438/596) or (438/669) or (438/671) or (438/673) or (438/685) or (438/688) or (438/720) or (438/737) or (438/738) or (438/739) or (438/740) or (438/742) or (438/754)).CCLS.) and (etch\$3 near10 (conduct\$3 or metal or al or aluminum or aluminium or ti or titanium or ta or tantalum)))) and ((spacer or sidewall) near5 oxide)) and (line or gate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/05 20:22

## EAST Search History

S7	458	(((((438/588) or (438/592) or (438/595) or (438/596) or (438/669) or (438/671) or (438/673) or (438/685) or (438/688) or (438/720) or (438/737) or (438/738) or (438/739) or (438/740) or (438/742) or (438/754)).CCLS.) and (etch\$3 near10 (conduct\$3 or metal or al or aluminum or aluminium or ti or titanium or ta or tantalum))) and ((spacer or sidewall) near5 oxide)) and ((resist or photoresist) same mask\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/05 20:22
S8	411	(((((438/588) or (438/592) or (438/595) or (438/596) or (438/669) or (438/671) or (438/673) or (438/685) or (438/688) or (438/720) or (438/737) or (438/738) or (438/739) or (438/740) or (438/742) or (438/754)).CCLS.) and (etch\$3 near10 (conduct\$3 or metal or al or aluminum or aluminium or ti or titanium or ta or tantalum))) and ((spacer or sidewall) near5 oxide)) and ((resist or photoresist) same mask\$3)) and ((sidewall or spacer) same (conduct\$3 or metal or al or aluminum or aluminium or ti or titanium or ta or tantalum)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/05 20:23
S9	62	(((((438/588) or (438/592) or (438/595) or (438/596) or (438/669) or (438/671) or (438/673) or (438/685) or (438/688) or (438/720) or (438/737) or (438/738) or (438/739) or (438/740) or (438/742) or (438/754)).CCLS.) and (etch\$3 near10 (conduct\$3 or metal or al or aluminum or aluminium or ti or titanium or ta or tantalum))) and ((spacer or sidewall) near5 oxide)) and ((resist or photoresist) same mask\$3)) and ((sidewall or spacer) same (conduct\$3 or metal or al or aluminum or aluminium or ti or titanium or ta or tantalum))) and (partial\$2 near5 etch\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/05 20:23

## EAST Search History

S10	6	(((((438/588) or (438/592) or (438/595) or (438/596) or (438/669) or (438/671) or (438/673) or (438/685) or (438/688) or (438/720) or (438/737) or (438/738) or (438/739) or (438/740) or (438/742) or (438/754)).CCLS.) and (etch\$3 near10 (conduct\$3 or metal or al or aluminum or aluminium or ti or titanium or ta or tantalum))) and ((spacer or sidewall) near5 oxide)) and ((resist or photoresist) same mask\$3)) and ((sidewall or spacer) same (conduct\$3 or metal or al or aluminum or aluminium or ti or titanium or ta or tantalum))) and ((partial near5 etch\$3) same (conduct\$3 or metal or al or aluminum or aluminium or ti or titanium or ta or tantalum)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/05 20:24
S11	74	((438/588) or (438/592) or (438/595) or (438/596) or (438/669) or (438/671) or (438/673) or (438/685) or (438/688) or (438/720) or (438/737) or (438/738) or (438/739) or (438/740) or (438/742) or (438/754)).CCLS.) and ((partial near5 etch\$3) same (conduct\$3 or metal or al or aluminum or aluminium or ti or titanium or ta or tantalum)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/05 21:09
S12	6878	((438/588) or (438/592) or (438/595) or (438/596) or (438/669) or (438/671) or (438/673) or (438/685) or (438/688) or (438/720) or (438/737) or (438/738) or (438/739) or (438/740) or (438/742) or (438/754)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/06 14:41
S13	0	("1and(overetch\$3near10(aloraluminiu mormetal))").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/18 20:10
S14	30	S12 and (overetch\$3 near10 (Al or aluminum or aluminium))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/18 20:19

## EAST Search History

S15	19	S12 and ((overetch\$3 or undercut\$4) same (Al or aluminum or aluminium)) and (spacer near10 (aluminum adj oxide) or ("Al.sub.2" adj "O.sub.3"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/18 22:02
S16	408241	("438"/\$.ccls. or "257"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/18 20:32
S17	664	S16 and (etch\$3 near10 (metal or Al or aluminium or aluminum)) and (undercut\$3 near10 (metal or Al or aluminium or aluminum))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/18 20:38
S18	3	S17 and ((metal adj oxide) near10 spacer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/18 20:38
S19	10	S17 and ((metal adj3 oxide) same spacer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/18 20:39
S20	505	S16 and (etch\$3 near10 (metal or Al or aluminium or aluminum)) and (overetch\$3 near10 (metal or Al or aluminium or aluminum))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/18 20:38
S21	0	S20 and ((metal adj oxide) near10 spacer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/18 20:38
S22	505	S20 and (etch\$3 near10 (metal or Al or aluminium or aluminum)) and (overetch\$3 near10 (metal or Al or aluminium or aluminum))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/18 20:39

## EAST Search History

S23	0	S18 and (etch\$3 near10 (metal or Al or aluminium or aluminum)) and (overetch\$3 near10 (metal or Al or aluminium or aluminum))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/18 20:39
S24	0	S19 and (etch\$3 near10 (metal or Al or aluminium or aluminum)) and (overetch\$3 near10 (metal or Al or aluminium or aluminum))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/06 14:47
S25	8	S20 and ((metal adj3 oxide) same spacer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/18 20:50
S26	854	S16 and (ozone same metal same oxide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/18 20:50
S27	49	S26 and (ozone same (spacer or sidewall))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/18 20:51
S28	49	S26 and (ozone same (spacer or sidewall))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/18 21:53
S29	1622	((438/713) or (438/720) or (438/721) or (438/722) or (438/739) or (438/742)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/18 21:55
S30	7	S29 and (ozone same (spacer or sidewall))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/06 14:46

## EAST Search History

S31	12	S29 and ((overetch\$3 or undercut\$4) same (Al or aluminum or aluminium)) and (spacer near10 (aluminum adj oxide) or ("Al.sub.2" adj "O.sub.3"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/06 14:43
S32	0	S29 and ((overetch\$3 or undercut\$4) same metal) and (spacer near10 (metal adj oxide))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/18 22:13
S33	1	S29 and ((overetch\$3 or undercut\$4) same metal) and (spacer same (metal adj oxide))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/18 22:14
S34	28	S29 and ((plasma same etch\$3) same metal) and ozone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/18 22:24
S35	3	S29 and ((plasma same etch\$3) same metal) and (ozone same (spacer or sidewall))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/18 22:25
S36	125	S29 and ((plasma same etch\$3) same metal) and (metal same ((over adj2 etch\$3) or undercut\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/18 22:26